

ABSTRACT

Imprint Identification System

Images of imprints, e.g. made by items of footwear, are displayed on a computer screen. Any identification features A-D which are present in the image are tagged and the length of all the lines 1-6 joining the tagged features are calculated and the distance information is added to a database together with the images themselves. The polygons defined by the lines 1-4 are independent of the positioning or orientation of the image and are used to retrieve images likely to originate from the same article by applying search criteria which retrieves records containing distances falling within selected bands.

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